



# SEQUENCE LISTING

BS <110> Allergan Sales, Inc.  
Donovan, Stephen

<120> COMPOSITIONS AND METHODS FOR TREATING GONADOTROPHIN RELATED ILLNESSES

<130> D-2947-CIP

<140> 09/810,601

<141> 2001-03-15

<150> 09/692,811

<151> 2000-10-20

<160> 52

CJ <170> PatentIn version 3.1

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<213> Artificial Sequence

<220>  
<223> Gonadotrophin Release Hormone or Analog thereof

<220>  
<221> MISC\_FEATURE  
<222> (1)..(1)

<223> Xaa at position 1 is PyroGlu

<220>

<221> MISC\_FEATURE

<222> (6)..(6)

<223> Xaa at position 6 is glycine, lysine, D-lysine, ornithine, D-ornithine, glutamic acid, D-glutamic acid, aspartic acid, D-aspartic acid, cysteine, D-cysteine, tyrosine, or D-tyrosine

<220>

<221> MISC\_FEATURE

<222> (10)..(10)

<223> Xaa at position 10 is Gly-NH<sub>2</sub>, ethylamide, or Aza-Gly-NH<sub>2</sub>

<400> 46

Xaa	His	Trp	Ser	Tyr	Xaa	Leu	Arg	Pro	Xaa
1					5				10

<210> 47

<211> 63

<212> DNA

<213> Artificial Sequence

<220>

<223> DNA construct (pMAL-L)

<400> 47

atcgagggaa ggatttcaga attcggatcc tctagagtcg acatgccaat aaccataaag 60

ctt 63

<210> 48

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Amino acid sequence of the first several residues of the purified recombinant L chain of TeTx

<400> 48

Ile	Glu	Gly	Arg	Ile	Ser	Glu	Phe	Gly	Ser	Ser	Arg	Val	Asp	Met	Pro
1				5				10						15	

Ile Thr Ile

<210> 49

<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Portion of the L chain of TeTx

<400> 49

Leu Leu Met His Glu Leu Ile His Val Leu His  
1 5 10

<210> 50  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Amino acid sequence with cleavage site for bovine enterokinase

<400> 50

Asp Asp Asp Asp Lys  
1 5

<210> 51  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Amino acid sequence with cleavage site for tobacco etch virus pro  
tease

<220>  
<221> MISC\_FEATURE  
<222> (2)..(2)  
<223> Xaa at position 2 is any amino acid

<220>  
<221> MISC\_FEATURE  
<222> (3)..(3)  
<223> Xaa at position 3 is any amino acid

<220>  
<221> MISC\_FEATURE  
<222> (5)..(5)  
<223> Xaa at position 5 is any amino acid

<400> 51

Glu Xaa Xaa Tyr Xaa Gln Ser Gly



1

5

<210> 52

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Amino acid sequence with cleavage site for PRECISSION protease from human rhinovirus 3C

<400> 52

Leu Glu Val Leu Phe Gln Gly Pro

1

5

BS  
done